

Table ENG-2. - Construction Materials

Shenandoah County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B: Alonzville	75	Fair Too acid	0.97	Good		Good	
1C: Alonzville	85	Fair Too acid	0.97	Good		Fair Slope	0.63
2B: Berks	80	Poor Droughty Low content of organic matter Too acid	0.00 0.13 0.50	Poor Depth to bedrock	0.00	Poor Rock fragments Too acid Depth to bedrock	0.00 0.92 0.97
3C: Berks	55	Poor Droughty Low content of organic matter Too acid	0.00 0.13 0.50	Poor Depth to bedrock	0.00	Poor Rock fragments Slope Too acid	0.00 0.63 0.92
Weikert	35	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.13	Poor Depth to bedrock	0.00	Poor Rock fragments Depth to bedrock Slope	0.00 0.00 0.63
4B: Blairton	75	Fair Droughty Too acid Low content of organic matter	0.19 0.50 0.50	Poor Depth to bedrock Depth to saturated zone Low strength	0.00 0.29 0.78	Fair Depth to saturated zone Too acid Depth to bedrock	0.29 0.60 0.65
4C: Blairton	75	Fair Droughty Too acid Low content of organic matter	0.19 0.50 0.50	Poor Depth to bedrock Depth to saturated zone Low strength	0.00 0.29 0.78	Fair Depth to saturated zone Too acid Slope	0.29 0.60 0.63
5B: Braddock	75	Fair Too clayey Low content of organic matter Too acid	0.02 0.13 0.50	Fair Shrink-swell	>0.99	Poor Hard to reclaim Rock fragments Too Clayey	0.00 0.00 0.01

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5C:							
Braddock	75	Fair		Fair		Poor	
		Too clayey	0.02	Shrink-swell	>0.99	Hard to reclaim	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
		Too acid	0.50			Too Clayey	0.01
6B:							
Braddock	75	Fair		Poor		Poor	
		Too clayey	0.02	Cobble content	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Shrink-swell	>0.99	Hard to reclaim	0.00
		Cobble content	0.19			Too Clayey	0.01
6C:							
Braddock	75	Fair		Poor		Poor	
		Too clayey	0.02	Cobble content	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Shrink-swell	>0.99	Hard to reclaim	0.00
		Cobble content	0.19			Too Clayey	0.01
6D:							
Braddock	80	Fair		Poor		Poor	
		Too clayey	0.02	Cobble content	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Cobble content	0.19	Shrink-swell	>0.99	Hard to reclaim	0.00
7A:							
Broadway	80	Fair		Poor		Fair	
		Low content of organic matter	0.88	Low strength	0.00	Hard to reclaim	0.96
8B:							
Carbo	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Depth to bedrock	0.97
		Droughty	0.78	Shrink-swell	0.13		
8C:							
Carbo	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Slope	0.63
		Droughty	0.78	Shrink-swell	0.13	Depth to bedrock	0.97
9C:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9C:							
Carbo	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Slope	0.96
		Droughty	0.78	Shrink-swell	0.13	Depth to bedrock	0.97
Endcav	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Slope	0.96
		Too acid	0.97	Depth to bedrock	0.99		
9D:							
Carbo	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Low strength	0.00	Too Clayey	0.00
		Droughty	0.78	Slope	0.00	Depth to bedrock	0.97
Endcav	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.97	Shrink-swell	0.13		
10A:							
Caverns	75	Fair		Good		Fair	
		Low content of organic matter	0.13			Too sandy	0.99
		Too sandy	0.99				
11B:							
Chilhowie	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03			Depth to bedrock	0.90
11C:							
Chilhowie	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03			Slope	0.63
11D:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11D:							
Chilhowie	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Too Clayey	0.00
		Droughty	0.03	Slope	0.50	Rock fragments	0.00
11E:							
Chilhowie	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Slope	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.13	Rock fragments	0.00
12C:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03			Slope	0.63
12D:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Too Clayey	0.00
		Droughty	0.03	Slope	0.50	Rock fragments	0.00
13C:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.00	Shrink-swell	0.13	Rock fragments	0.00
		Droughty	0.03			Slope	0.63
13D:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Slope	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.13	Rock fragments	0.00
13E:							
Chilhowie	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.00	Slope	0.00	Too Clayey	0.00
		Droughty	0.03	Shrink-swell	0.13	Rock fragments	0.00

14B:

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14B:							
Coursey	80	Fair		Fair		Fair	
		Too acid	0.12	Low strength	0.78	Too acid	0.60
				Depth to saturated zone	0.89	Depth to saturated zone	0.89
Purdy	5	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.60
14C:							
Coursey	80	Fair		Fair		Fair	
		Too acid	0.12	Low strength	0.78	Too acid	0.60
				Depth to saturated zone	0.89	Slope	0.63
						Depth to saturated zone	0.89
Purdy	5	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.60
15A:							
Derroc	85	Fair		Poor		Poor	
		Cobble content	0.04	Cobble content	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
		Droughty	0.72				
16B:							
Edom	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00
16C:							
Edom	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00
						Slope	0.63
17B:							
Endcav	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Rock fragments	0.97
		Too acid	0.97	Depth to bedrock	0.99		

17C:

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C:							
Endcav	75	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Slope	0.63
		Too acid	0.97	Depth to bedrock	0.99	Rock fragments	0.97
17D:							
Endcav	75	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Too Clayey	0.00
		Too acid	0.97	Slope	0.50	Rock fragments	0.97
18B:							
Endcav	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Rock fragments	0.97
		Too acid	0.97	Depth to bedrock	0.99		
18C:							
Endcav	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Slope	0.63
		Too acid	0.97	Depth to bedrock	0.99	Rock fragments	0.97
19D:							
Frederick	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.54	Shrink-swell	0.20	Too acid	0.98
20B:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68				
20C:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope	0.63
		Too acid	0.54			Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68			Slope	0.63
20D:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too Clayey	0.00
		Too acid	0.54	Slope	0.50	Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.68			Rock fragments	0.50
21B:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68				
21C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope	0.63
		Too acid	0.54			Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68			Slope	0.63

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21D:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too Clayey	0.00
		Too acid	0.54	Slope	0.50	Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.68			Rock fragments	0.50
21E:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too Clayey	0.00
		Too acid	0.54	Shrink-swell	0.20	Too acid	0.98
Poplimento	30	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.23	Too Clayey	0.00
		Too acid	0.68			Rock fragments	0.50
22B:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too acid	0.98
		Too acid	0.54				
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68				
22C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope	0.63
		Too acid	0.54			Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68			Slope	0.63

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22D:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Too Clayey	0.00
		Too acid	0.54	Slope	0.50	Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.68			Rock fragments	0.50
23C:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.20	Slope	0.96
		Too acid	0.54			Too acid	0.98
Poplimento	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too Clayey	0.00
		Low content of organic matter	0.13			Rock fragments	0.50
		Too acid	0.68			Slope	0.96
23D:							
Frederick	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.54	Shrink-swell	0.20	Too acid	0.98
Poplimento	30	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.23	Too Clayey	0.00
		Too acid	0.68			Rock fragments	0.50
24B:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.54
		Depth to bedrock	0.54			Too acid	0.98
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Too acid	0.92
		Too acid	0.50			Depth to bedrock	0.97

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24C:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.54
		Depth to bedrock	0.54			Slope	0.63
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.50			Too acid	0.92
24D:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Too acid	0.50			Too acid	0.92
24E:							
Gainesboro	45	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Too acid	0.92
25B:							
Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Too acid	0.60

25C:

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
25C: Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Too acid	0.60
25D: Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
26C: Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Too acid	0.60
26D: Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
27C: Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Too acid	0.60
27D: Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
27E: Gilpin	90	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
28C:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28C:							
Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Too acid	0.60
28D:							
Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
28E:							
Gilpin	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21			Depth to bedrock	0.21
29A:							
Gladehill	80	Fair		Good		Fair	
		Low content of organic matter	0.13			Hard to reclaim	0.88
30A:							
Guyan	85	Fair		Poor		Poor	
		Too acid	0.50	Low strength	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Too acid	0.88
		Water erosion	0.99				
Purdy	5	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.60
31B:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments	0.00
						Too acid	0.88
31C:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments	0.00
						Slope	0.63

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32C:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments	0.00
						Too acid	0.88
32D:							
Jefferson	75	Fair		Poor		Poor	
		Too acid	0.32	Slope	0.00	Slope	0.00
		Low content of organic matter	0.50			Hard to reclaim	0.00
						Rock fragments	0.00
33C:							
Jefferson	75	Fair		Good		Poor	
		Too acid	0.32			Hard to reclaim	0.00
		Low content of organic matter	0.50			Rock fragments	0.00
						Slope	0.84
33D:							
Jefferson	75	Fair		Poor		Poor	
		Too acid	0.32	Slope	0.00	Slope	0.00
		Low content of organic matter	0.50			Hard to reclaim	0.00
						Rock fragments	0.00
33E:							
Jefferson	75	Fair		Poor		Poor	
		Too acid	0.32	Slope	0.00	Slope	0.00
		Low content of organic matter	0.50			Hard to reclaim	0.00
						Rock fragments	0.00
34B:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented pan	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
34C:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented pan	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
35C:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented pan	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35D:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Slope	0.00
		Low content of organic matter	0.13	pan		Rock fragments	0.00
		Too acid	0.50	Slope	0.00	Depth to cemented pan	0.54
36B:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
36C:							
Laidig	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
37C:							
Laidig	85	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	pan		Depth to cemented pan	0.54
		Too acid	0.50			Too acid	0.60
37D:							
Laidig	90	Fair		Poor		Poor	
		Droughty	0.04	Depth to cemented	0.00	Slope	0.00
		Low content of organic matter	0.13	pan		Rock fragments	0.00
		Too acid	0.50	Slope	0.00	Depth to cemented pan	0.54
37E:							
Laidig	85	Fair		Poor		Poor	
		Droughty	0.04	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Depth to cemented	0.00	Rock fragments	0.00
		Too acid	0.50	pan		Depth to cemented pan	0.54
38B:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.10			Depth to bedrock	0.10
		Low content of organic matter	0.13			Too acid	0.88

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
38B:							
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.54
		Depth to bedrock	0.54			Too acid	0.98
38C:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.10			Depth to bedrock	0.10
		Low content of organic matter	0.13			Slope	0.63
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.54
		Depth to bedrock	0.54			Slope	0.63
38D:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.50	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
38E:							
Lehew	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
Gainesboro	30	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
39A:							
Massanetta	90	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.98	Rock fragments	0.50
		Water erosion	0.99			Depth to saturated zone	0.98

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
40D:							
Massanutten	80	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
40E:							
Massanutten	80	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
41D:							
Massanutten	80	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
41E:							
Massanutten	80	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
42A:							
Maurertown	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.13		
43B:							
Moomaw	80	Poor		Poor		Poor	
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Droughty	0.00	Depth to saturated zone	0.76	Depth to saturated zone	0.76
		Too acid	0.50			Too acid	0.88
43C:							
Moomaw	80	Poor		Poor		Poor	
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Droughty	0.00	Depth to saturated zone	0.76	Slope	0.63
		Too acid	0.50			Depth to saturated zone	0.76
44B:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44B:							
Moomaw	80	Poor		Poor		Poor	
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Droughty	0.00	Depth to saturated zone	0.76	Depth to saturated zone	0.76
		Too acid	0.50			Too acid	0.88
44C:							
Moomaw	80	Poor		Poor		Poor	
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Droughty	0.00	Depth to saturated zone	0.76	Slope	0.63
		Too acid	0.50			Depth to saturated zone	0.76
45A:							
Newmarc	85	Fair		Poor		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Low strength	0.78		
46A:							
Nomberville	80	Fair		Fair		Poor	
		Low content of organic matter	0.88	Low strength	0.22	Hard to reclaim	0.00
47C:							
Opequon	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Shrink-swell	0.13	Rock fragments	0.88
48C:							
Opequon	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.00	Low strength	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	Shrink-swell	0.13	Rock fragments	0.88
48D:							
Opequon	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Depth to bedrock	0.00	Shrink-swell	0.13	Depth to bedrock	0.00
49:							
Pits	100	Not Rated		Not Rated		Not Rated	
50A:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
50A:							
Purdy	80	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12				
		Low content of organic matter	0.13	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.87	Too acid	0.60
51D:							
Rock outcrop	55	Not Rated		Not Rated		Not Rated	
Carbo	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Slope	0.04
		Droughty	0.78	Shrink-swell	0.13	Depth to bedrock	0.97
52F:							
Rock outcrop	50	Not Rated		Not Rated		Not Rated	
Drall	25	Poor		Poor		Poor	
		Too sandy	0.00	Slope	0.00	Slope	0.00
		Droughty	0.03	Depth to bedrock	0.04	Hard to reclaim	0.00
		Too acid	0.50	No cobble limitation	>0.99	Rock fragments	0.00
Wallen	15	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
53C:							
Sequoia	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.50
		Too acid	0.50	Shrink-swell	0.87	Too acid	0.88
53D:							
Sequoia	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.50	Low strength	0.00	Rock fragments	0.50
53E:							
Sequoia	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.50	Low strength	0.00	Rock fragments	0.50

54B:

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
54B:							
Timberville	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.97	Rock fragments	0.00
		Too acid	0.50			Hard to reclaim	0.32
55A:							
Toms	75	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.96	Hard to reclaim	0.00
		Water erosion	0.90			Depth to saturated zone	0.00
Maurertown	5	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.13		
56B:							
Trappist	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.50	Depth to bedrock	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
56C:							
Trappist	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.50	Depth to bedrock	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.50	Shrink-swell	0.87	Too acid	0.60
57:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
58:							
Udorthents	55	Not Rated		Not Rated		Not Rated	
Urban land	30	Not Rated		Not Rated		Not Rated	
59B:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Rock fragments	0.88
		Too acid	0.54			Too acid	0.98
59C:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
59C:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.54			Rock fragments	0.88
60B:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Rock fragments	0.88
		Too acid	0.54			Too acid	0.98
60C:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.54			Rock fragments	0.88
61B:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Rock fragments	0.88
		Too acid	0.54			Too acid	0.98
61C:							
Unison	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.54			Rock fragments	0.88
62C:							
Wallen	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.10	Depth to bedrock	0.54
		Depth to bedrock	0.54			Slope	0.63
62D:							
Wallen	75	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54	Cobble content	0.10	Depth to bedrock	0.54
63C:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
63C:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.10	Depth to bedrock	0.90
		Too acid	0.54			Slope	0.96
63D:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
63E:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
64D:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
64E:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
64F:							
Wallen	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
65C:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.10	Depth to bedrock	0.90
		Too acid	0.54			Slope	0.96

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
65C:							
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.10			Depth to bedrock	0.10
		Low content of organic matter	0.13			Too acid	0.88
65D:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
65E:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
66E:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10

66F:

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
66F:							
Wallen	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.10	Depth to bedrock	0.90
Lehew	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.10	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.10
67F:							
Weikert	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
68D:							
Weikert	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Too acid	0.92
68E:							
Weikert	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Too acid	0.92
69D:							

Table ENG-2. - Construction Materials - Continued

Shenandoah County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
69D:							
Weikert	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Too acid	0.92
69F:							
Weikert	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Too acid	0.92
70B:							
Wolfgap	75	Good		Good		Good	
71D:							
Zepp	75	Fair		Poor		Poor	
		Too acid	0.12	Slope	0.00	Slope	0.00
		Low content of organic matter	0.88			Rock fragments	0.00
						Hard to reclaim	0.08
71E:							
Zepp	75	Fair		Poor		Poor	
		Too acid	0.12	Slope	0.00	Slope	0.00
		Low content of organic matter	0.88			Rock fragments	0.00
						Hard to reclaim	0.08
72E:							
Zepp	80	Fair		Poor		Poor	
		Too acid	0.12	Slope	0.00	Slope	0.00
		Low content of organic matter	0.88			Rock fragments	0.00
						Hard to reclaim	0.08
W:							
Water	100	Not Rated		Not Rated		Not Rated	